

AMATEUR RADIO (THE AMATEUR RADIO) VOL. II No. 4 (April 53)

OBITUARIES OF STALIN AND GOTTWALD

Ten pages of this issue of the AR, including a four-page special edition supplement contained obituaries and exchange of condolences connected with the deaths of Stalin and Gottwald. Also assurances that the Czechoslovak amateurs "will remain faithful to the heritage of Stalin and Gottwald", and the usual Communist propaganda drive about the progressive values of their teachings for the better and peaceful world. Mr. Joachim, the Red boss of the Czechoslovak Amateur Organization contributed a special article on alleged Stalin's merits in the development of modern electronics. The usual and shop-worn boasts about the superiority of Soviet electronics were included. A fitting climax to all this wailing was a poem of Mr. Kobout in which the author consoled himself in addressing the "brethren" in the bad Capitalist world saying that they should not be afraid of the international consequences of this double death. This so called poet mentioned Paul Robeson "far away from the reach of good, singing softly in memory of his Father". And the poor people of the world should remember that Stalin is like the sun, and will never fade or die out. Therefore you in Chicago or anywhere in the world the fight does not stop but begins. Stalin is dead but his work and his pupils live on. With this consolation the magazine's editor swung over to usual field of electronics.

CLASSIFICATION NORMS FOR SOVIET HAMS

A special article in this issue was devoted to the description of qualifications necessary for special award classification of Soviet hams. This classification is administered by a special commission entitled "The Joint Sports and Technical Commission for the classification of Radio Amateurs."

There are four classes of Soviet hams: 1. Master (champion) of radio-amateur sport 2. Radiomateur 1st class, 3. Radiomateur 2nd class, 4. Radiomateur 3rd class.

A. Qualifications in the field of SW radio communications and reception:

1. Master class

In three hours the applicant must contact ham stations in all Soviet republics (there are 16 Soviet republics)
In 15 days he must contact 100 Soviet radio districts
To be able send and copy 120 wpm

2. Radiomateur 1st class

Contact all Soviet republics in 6 hours,
Contact 100 Soviet r/districts in 25 days
Copy and send 90 wpm

3. Radiomateur 2nd class

Contact all Soviet republics in 12 hours
Contact 100 Soviet r/districts in 35 days
Send and receive 80 wpm

4. Radiomateur 3rd class

Contact all Soviet republics in 24 hours - Copy and send sigs 60 wpm

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B. Qualifications in VHF transmissions**1. Master class**

25 qsos in 24 hours, all in distances 30 to 60 miles (50-100 kms)

2. Radioamateur 1st class

25 qsos in 24 hours, all in distances 15 to 20 miles (25 to 50 kms)

3. Radioamateur 2nd class

25 contacts in 12 hours, all in distances 6 to 15 miles (10 to 25 kms)

4. Radioamateur 3rd class

25 contacts in 24 hours, all in distances 6 to 16 miles (10 to 25 kms)

C. Code Proficiency**1. Master class**

- a) copy by hand 150 word groups with speed 300 wpm
- b) copy with typewriter 150 word groups with speed 240 wpm
- c) send (5 minutes) words with speed 150 wpm
- d) send (5 minutes) numerals with speed 110 wpm

2. Radioam 1st class

- a) 150 wpm
- b) 200 wpm
- c) 120 wpm
- d) 100 wpm

3. Radioamateur 2nd class

- a) 120 wpm
- b) 100 wpm
- c) 100 wpm
- d) 95 wpm

4. Radioamateur 3rd class

- a) 90 wpm
- b) 90 wpm
- c) 90 wpm
- d) 90 wpm

A 2 per cent maximum of errors allowed both in copyin. and sending.

D. Electronic construction proficiency**1. Master of electronic construction**

Must be a holder of 1st place award in any single class of the Soviet national radio exhibit

2. Radioamateur constructor 1st class

Must be a holder of 2nd place award in any Soviet national exhibit and 1st place award in the local regional exhibit

3. Radioamateur constructor 2nd class

Must be a holder of 3rd to 5th place award in any Soviet national radio exhibit, and holder of 2nd or 3rd place award in the regional exhibit and holder of 1st place award in local club's exhibit.

4. Radio constructor 3rd class

Must be a holder of 6th to 10th place award in any Soviet national radio exhibit, and holder of 4th to 5th place award in any regional exhibit and 2nd and 3rd place awards in any local Clubs exhibit.

Awards will be recognized for the purpose of applicants qualifications only when these were awarded in competition of minimum of 25 entries in any particular competitive group.

In addition, applicants for all these classes and groups must prove minimum knowledge of basic electronics.

TECHNICAL ARTICLES IN THIS ISSUE

Miniature oscilloscope
Simple home made honeycomb coil winder
BC receiver
QRP transmitter (0.7 to 0.15 watt input)
UHF xtal stabilized transmitter
Coil beam aerial for 460 Mc/s
Propagation on 20MC/s
Propagation predictions for April (general conditions and special predictions for contacts with the Soviet Union added)